

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A management method for a removable device, including a parts cassette or a suction nozzle, that is attachable to an apparatus and is removable from the apparatus, the management method comprising:

storing maintenance data for the removable device in a computer readable medium of a data management unit, the maintenance data including location data indicating the location of the removable device in a component-mounting plant;

giving an identification code to the removable device;

reading an identification code of the removable device and inputting and outputting the read identification code together with the maintenance data using a mobile terminal; and

sending and receiving the maintenance data between the mobile terminal and the data management unit;

wherein reading of the identification code of the removable device and inputting of the a destination location by the mobile terminal occurs every time the location of the removable device changes;

wherein the data management unit stores the received maintenance data including the location data for each of the identification codes code of the removable device;

wherein the maintenance data further includes history data including performance of the removable device and history of repair.

2. (Previously Presented) The management method according to claim 1,
wherein the mobile terminal having a reading function for the identification code is
configured to read the identification code of the removable device.

3. (Previously Presented) The management method according to claim 2,
wherein the identification code of each removable device comprises a barcode, and
wherein a barcode reader provided to the mobile terminal reads the barcode.

4. (Previously Presented) The management method according to claim 1,
wherein the apparatus is a component-mounting machine, and
wherein the removable device is a parts feeder for supplying a component or a suction
nozzle for holding a component by suction.

5. (Canceled)

6. (Currently Amended) A system for managing a removable device that is attachable to
an apparatus and is removable from the apparatus, the management system comprising:
a plurality of removable devices each of which has an identification code given thereto
for identifying the corresponding removable device;
a database for storing maintenance data for each removable device, the maintenance data
including location data indicating the location of the removable device;

a data management unit for recording and reading the maintenance data for each removable device into/from the database;

a mobile terminal including a reading device for reading an identification code of a removable device, and inputting and outputting the read identification code together with the maintenance data; and

a communication device for sending and receiving the maintenance data between the mobile terminal and the data management unit;

wherein reading of the identification code of the removable device and inputting of the a destination location by the mobile terminal occurs every time the location of the removable device changes;

wherein the data management unit stores the received maintenance data including the location data for each of the identification codes of the removable devices;

wherein the maintenance data further includes history data including performance of the removable device and history of repair.

7. (Previously Presented) The system for managing a removable device according to claim 6,

wherein the mobile terminal includes a barcode reader as the reading device configured to read the identification codes.

8. (Currently Amended) The system for managing a removable device according to claim 6,

wherein the communication device comprises a personal handphone system (PHS) radio communication device.

9. (Currently Amended) The management method according to claim 1,

wherein the location data, which is inputted via the mobile terminal, is stored in the data management unit, when the removable device is attached to the apparatus or the removable device is removed from the apparatus.

10. (Previously Presented) The management method according to claim 1,

wherein the location data of the removable device stored in the data management unit is read by inquiring, via the mobile terminal, and the read location data is displayed on a display portion of the mobile terminal.

11. (Previously Presented) The management method according to claim 2,

wherein the apparatus is a component-mounting machine, and

wherein the removable device is a parts feeder for supplying a component or a suction nozzle for holding a component by suction.

12. (Previously Presented) The management method according to claim 3,

wherein the apparatus is a component-mounting machine, and

wherein the removable device is a parts feeder for supplying a component or a suction nozzle for holding a component by suction.

13. (Canceled)

14. (Canceled)

15. (Previously Presented) The system for managing a removable device according to
claim 7,

wherein the communication device comprises a personal handphone system (PHS) radio
communication device.